

	Type	L #	Hits	Search Text	DBs	Time Stamp
1	BRS	L22	27	(((((diffract\$4 same grating\$1 same (wavelengths near5 (waveguide fiber (guid\$3 near1 wave)))) and (wavelengths same ((waveguide fiber (guid\$3 near1 wave)) near7 detect\$4))) and (spectr\$7)) and ((waveguide\$1 fiber\$1 (guid\$3 near1 wave)) near7 (slop\$4 shap\$4 metal\$5 opequ\$3 deposit\$4 film coat\$4))	USPAT; US-PGPU B; EPO; JPO; DERWENT	2004/10/18 15:35
2	BRS	L27	1	5966482.pn.	USPAT; US-PGPU B	2004/10/18 16:02
3	BRS	L28	0	95966482.pn.	USPAT; US-PGPU B	2004/10/18 16:30
4	BRS	L29	1	5966482.pn.	USPAT; US-PGPU B	2004/10/18 16:30
5	BRS	L30	0	29 and (vapor\$4 deposit\$5) same (light wavelength\$1 enter\$4 output\$4 receiv\$4)	USPAT; US-PGPU B	2004/10/18 16:31
6	BRS	L31	1	29 and (vapor\$4 deposit\$5)	USPAT; US-PGPU B	2004/10/18 16:36
7	BRS	L32	1	29 and (vapor\$4 deposit\$5 metal\$5 coat\$5)	USPAT; US-PGPU B	2004/10/18 16:37
8	BRS	L33	1	29 and (vapor\$4 deposit\$5 metal\$5 coat\$5 light\$5 enter\$5 exit\$4 input\$4 output\$4)	USPAT; US-PGPU B	2004/10/18 16:56

	Comments	Error Definition	Errors
1			0
2			0
3			0
4			0
5			0
6			0
7			0
8			0

	Type	Hits	Search Text
1	BRS	240	((waveguide wave-guide (wave adj1 guide) fiber) same (lens selfoc microlens micro-lens cleav\$4 polish\$4 shap\$4) same (slope\$1 angle\$2 rectangle)) and ((waveguide wave-guide (wave adj1 guide) fiber) same ((deposit\$5 vapor) near5 (metal foil\$3)))
2	BRS	29	((waveguide wave-guide (wave adj1 guide) fiber) same (lens selfoc microlens micro-lens cleav\$4 polish\$4 shap\$4) same (slope\$1 angle\$2 rectangle)) same ((waveguide wave-guide (wave adj1 guide) fiber) same ((deposit\$5 vapor) near5 (metal foil\$3)))
3	BRS	29	("6338291" "6058228" "6037189" "5891747" "5859364" "5811055" "5614436" "5498260" "5485277" "5450437" "5420688" "5307361" "5291567" "5205902" "5118335" "5086248" "4902088" "4892997" "4815088" "4747109" "4529176" "4486071" "4396247" "4392712" "4351585" "4317699" "4133376" "3895665" "3706909") .pn.

	DBs	Time Stamp	Comments	Error Definition
1	USPAT	2004/10/18 15:41		
2	USPAT	2002/10/02 17:27		
3	USPAT	2002/10/02 14:34		

	Errors
1	0
2	0
3	0

	Type	Hits	Search Text
4	BRS	29	("6338291" "6058228" "6037189" "5891747" "5859364" "5811055" "5614436" "5498260" "5485277" "5450437" "5420688" "5307361" "5291567" "5205902" "5118335" "5086248" "4902088" "4892997" "4815088" "4747109" "4529176" "4486071" "4396247" "4392712" "4351585" "4317699" "4133376" "3895665" "3706909").pn.) and (((waveguide wave-guide (wave adj1 guide) fiber) same (lens selfoc microlens micro-lens cleav\$4 polish\$4 shap\$4) same
5	BRS	4	((fiber\$1 adj1 end\$1) with (lens selfoc microlens micro-lens polish\$4 shap\$4 biconic) with (slope\$1 angle\$2 rectang\$4)) and (fiber\$1 with (deposit\$5 vapor\$5) with (metal foil\$3))
6	BRS	14	((fiber\$1 adj1 end\$1) with (lens selfoc microlens micro-lens polish\$4 shap\$4 biconic) same (slope\$1 angle\$2 rectang\$4)) and (fiber\$1 with (deposit\$5 vapor\$5) with (metal foil\$3))
7	BRS	16	((fiber\$1 adj1 end\$1) with (lens selfoc microlens micro-lens polish\$4 shap\$4 biconic) same (slope\$1 angle\$2 rectang\$4)) and (fiber\$1 with (deposit\$5 vapor\$5) with (metal\$5 foil\$3))
8	BRS	2	((((fiber\$1 adj1 end\$1) with (lens selfoc microlens micro-lens polish\$4 shap\$4 biconic) same (slope\$1 angle\$2 rectang\$4)) and (fiber\$1 with (deposit\$5 vapor\$5) with (metal\$5 foil\$3))) not (((fiber\$1 adj1 end\$1) with (lens selfoc microlens micro-lens polish\$4 shap\$4 biconic) same (slope\$1 angle\$2 rectang\$4)) and (fiber\$1 with (deposit\$5 vapor\$5) with (metal foil\$3)))
9	BRS	54	((fiber\$1 adj1 end\$1) with (lens selfoc microlens micro-lens polish\$4 shap\$4 biconic)) and (fiber\$1 with (deposit\$5 vapor\$5) with (metal\$5 foil\$3))

	DBs	Time Stamp	Comments	Error Definition
4	USPAT	2002/10/02 14:34		
5	USPAT	2002/10/02 15:05		
6	USPAT	2002/10/02 15:34		
7	USPAT	2002/10/02 16:03		
8	USPAT	2002/10/02 15:36		
9	USPAT	2002/10/02 16:02		

	Errors
4	0
5	0
6	0
7	0
8	0
9	0

	Type	Hits	Search Text
10	BRS	38	(((fiber\$1 adj1 end\$1) with (lens selfoc microlens micro-lens polish\$4 shap\$4 biconic)) and (fiber\$1 with (deposit\$5 vapor\$5) with (metal\$5 foil\$3))) not (((6338291" "6058228" "6037189" "5891747" "5859364" "5811055" "5614436" "5498260" "5485277" "5450437" "5420688" "5307361" "5291567" "5205902" "5118335" "5086248" "4902088" "4892997" "4815088" "4747109" "4529176" "4486071" "4396247" "4392712" "4351585" "4317699" "4133376" "3895665" "3706909").pn.
11	BRS	4	((fiber\$1) near7 (biconic\$3)) and (fiber\$1 with (deposit\$5 vapor\$5) with (metal\$5 foil\$3))
12	BRS	20	((fiber\$1 adj1 end\$1) near7 (slope\$1 angle\$2)) and (fiber\$1 with (deposit\$5 vapor\$5) with (metal\$4 foil\$3))
13	BRS	9	(((fiber\$1 adj1 end\$1) near7 (slope\$1 angle\$2)) and (fiber\$1 with (deposit\$5 vapor\$5) with (metal\$4 foil\$3))) not (((fiber\$1) near7 (biconic\$3)) and (fiber\$1 with (deposit\$5 vapor\$5) with (metal\$5 foil\$3))) (((fiber\$1 adj1 end\$1) with (lens selfoc microlens micro-lens polish\$4 shap\$4 biconic)) and (fiber\$1 with (deposit\$5 vapor\$5) with (metal\$5 foil\$3))) (((fiber\$1 adj1 end\$1) with (lens selfoc microlens micro-lens polish\$4 shap\$4 biconic) same (slope\$1 angle\$2 rectang\$4)) and (fiber\$1 with (deposit\$5 vapor\$5) with (metal\$5 foil\$3))) (((waveguide wave-guide (wave adj1 guide) fiber) same (lens selfoc microlens micro-lens cleav\$4 polish\$4 shap\$4) same (slope\$1 angle\$2 rectangle)) same ((waveguide wave-guide (wave adj1 guide) fiber) same ((deposit\$5 vapor) near5 (metal foil\$3)))))
14	BRS	20	((fiber\$1 adj1 (tip\$1 end\$1)) near7 (slope\$1 angle\$2)) and (fiber\$1 with (deposit\$5 vapor\$5) with (metal\$4 foil\$3))

	DBs	Time Stamp	Comments	Error Definition
10	USPAT	2002/10/02 15:39		
11	USPAT	2002/10/02 15:59		
12	USPAT; EPO; JPO; DERWENT	2002/10/02 16:11		
13	USPAT; EPO; JPO; DERWENT	2002/10/02 16:12		
14	USPAT; EPO; JPO; DERWENT	2002/10/02 16:18		

	Errors
10	0
11	0
12	0
13	0
14	0

	Type	Hits	Search Text
15	BRS	9	(((fiber\$1 adj1 (tip\$1 end\$1)) near7 (slope\$1 angle\$2)) and (fiber\$1 with (deposit\$5 vapor\$5) with (metal\$4 foil\$3))) not (((fiber\$1) near7 (biconic\$3)) and (fiber\$1 with (deposit\$5 vapor\$5) with (metal\$5 foil\$3))) (((fiber\$1 adj1 end\$1) with (lens selfoc microlens micro-lens polish\$4 shap\$4 biconic)) and (fiber\$1 with (deposit\$5 vapor\$5) with (metal\$5 foil\$3))) (((fiber\$1 adj1 end\$1) with (lens selfoc microlens micro-lens polish\$4 shap\$4 biconic) same (slope\$1 angle\$2 rectang\$4)) and (fiber\$1 with (deposit\$5 vapor\$5) with (metal\$5 foil\$3))) (((waveguide wave-guide (wave adj1 guide) fiber) same (lens selfoc microlens micro-lens cleav\$4 polish\$4 shap\$4) same (slope\$1 angle\$2 rectangle)) same ((waveguide wave-guide (wave adj1 guide) fiber) same ((deposit\$5 vapor) near5 (metal foil\$3))))))
16	BRS	104	((fiber\$1 adj1 (tip\$1 end\$1)) near11 (slope\$1 angle\$2) near9 (polish\$3 shap\$3))
17	BRS	71	((fiber\$1 adj1 (tip\$1 end\$1)) near7 (slope\$1 angle\$2) near5 (polish\$3 shaped))
18	BRS	70	(((fiber\$1 adj1 (tip\$1 end\$1)) near7 (slope\$1 angle\$2) near5 (polish\$3 shaped))) not (((fiber\$1 adj1 (tip\$1 end\$1)) near7 (slope\$1 angle\$2)) and (fiber\$1 with (deposit\$5 vapor\$5) with (metal\$4 foil\$3))) (((fiber\$1) near7 (biconic\$3)) and (fiber\$1 with (deposit\$5 vapor\$5) with (metal\$5 foil\$3))) (((fiber\$1 adj1 end\$1) with (lens selfoc microlens micro-lens polish\$4 shap\$4 biconic)) and (fiber\$1 with (deposit\$5 vapor\$5) with (metal\$5 foil\$3))) (((fiber\$1 adj1 end\$1) with (lens selfoc microlens micro-lens polish\$4 shap\$4 biconic) same (slope\$1 angle\$2 rectang\$4)) and (fiber\$1 with (deposit\$5 vapor\$5) with (metal\$5 foil\$3))) (((waveguide wave-guide (wave adj1 guide) fiber) same (lens selfoc microlens micro-lens cleav\$4 polish\$4 shap\$4) same (slope\$1 angle\$2 rectangle)) same ((waveguide wave-guide (wave adj1 guide) fiber) same ((deposit\$5 vapor) near5 (metal foil\$3))))))

	DBs	Time Stamp	Comments	Error Definition
15	USPAT; EPO; JPO; DERWENT	2002/10/02 16:26		
16	USPAT; EPO; JPO; DERWENT	2002/10/02 17:25		
17	USPAT; EPO; JPO; DERWENT	2002/10/02 20:24		
18	USPAT; EPO; JPO; DERWENT	2002/10/02 16:38		

	Errors
15	0
16	0
17	0
18	0

	Type	Hits	Search Text
19	BRS	128	(((fiber\$1 adj1 end\$1) with (lens selfoc microlens micro-lens polish\$4 shap\$4 biconic) with (slope\$1 angle\$2 rectang\$4)) and (fiber\$1 with (deposit\$5 vapor\$5) with (metal foil\$3))) (((fiber\$1 adj1 end\$1) with (lens selfoc microlens micro-lens polish\$4 shap\$4 biconic) same (slope\$1 angle\$2 rectang\$4)) and (fiber\$1 with (deposit\$5 vapor\$5) with (metal foil\$3))) (((fiber\$1 adj1 end\$1) with (lens selfoc microlens micro-lens polish\$4 shap\$4 biconic)) and (fiber\$1 with (deposit\$5 vapor\$5) with (metal\$5 foil\$3))) not (("6338291" "6058228" "6037189" "5891747" "5859364" "5811055" "5614436" "5498260" "5485277" "5450437" "5420688" "5307361" "5291567" "5205902" "5118335" "5086248" "4902088" "4892997" "4815088" "4747109" "4529176"
20	BRS	0	(((fiber\$1 adj1 (tip\$1 end\$1)) near11 (slope\$1 angle\$2) near9 (polish\$3 shap\$3))) and (lens\$2 same grating same fiber\$1 same detect\$4)
21	BRS	206	((fiber\$1 adj1 (tip\$1 end\$1)) near11 (slope\$1 angle\$2) same (polish\$3 shap\$3))
22	BRS	0	(((fiber\$1 adj1 (tip\$1 end\$1)) near11 (slope\$1 angle\$2) same (polish\$3 shap\$3))) and (lens\$2 same grating same fiber\$1 same detect\$4)
23	BRS	3	(((fiber\$1 adj1 (tip\$1 end\$1)) near11 (slope\$1 angle\$2) same (polish\$3 shap\$3))) and (lens\$2 same grating) and (fiber\$1 same detect\$4)
24	BRS	3	(((fiber\$1 adj1 (tip\$1 end\$1)) near11 (slope\$1 angle\$2) near9 (polish\$3 shap\$3))) and (lens\$2 same grating) and (fiber\$1 same detect\$4)
25	BRS	732	((fiber\$1 adj1 (tip\$1 end\$1)) near7 (polish\$3))
26	BRS	5	(((fiber\$1 adj1 (tip\$1 end\$1)) near7 (polish\$3))) and (lens\$2 same grating same fiber\$1 same detect\$4)
27	BRS	0	(((fiber\$1 adj1 (tip\$1 end\$1)) near7 (polish\$3))) and (lens\$2 same grating same fiber\$1 same detect\$4)) and ((deposit\$5 vapor) near5 (metal foil\$3))

	DBs	Time Stamp	Comments	Error Definition
19	USPAT	2002/10/02 16:39		
20	USPAT	2002/10/02 17:18		
21	USPAT; EPO; JPO; DERWENT	2002/10/02 17:18		
22	USPAT	2002/10/02 17:26		
23	USPAT	2002/10/02 17:19		
24	USPAT	2002/10/02 17:19		
25	USPAT; EPO; JPO; DERWENT	2002/10/02 17:26		
26	USPAT	2002/10/02 17:45		
27	USPAT	2002/10/02 17:28		

	Errors
19	0
20	0
21	0
22	0
23	0
24	0
25	0
26	0
27	0

	Type	Hits	Search Text
28	BRS	5	(((((fiber\$1 adj1 (tip\$1 end\$1)) near7 (polish\$3))) and (lens\$2 same grating same fiber\$1 same detect\$4)) not (((fiber\$1 adj1 (tip\$1 end\$1)) near11 (slope\$1 angle\$2) near9 (polish\$3 shap\$3))) and (lens\$2 same grating) and (fiber\$1 same detect\$4))
29	BRS	11	(((((fiber\$1 adj1 (tip\$1 end\$1)) near7 (polish\$3))) and (lens\$2 same grating) and (fiber same detect\$4))
30	BRS	6	(((((fiber\$1 adj1 (tip\$1 end\$1)) near7 (polish\$3))) and (lens\$2 same grating) and (fiber same detect\$4)) not ((((((fiber\$1 adj1 (tip\$1 end\$1)) near7 (polish\$3))) and (lens\$2 same grating same fiber\$1 same detect\$4)) not (((fiber\$1 adj1 (tip\$1 end\$1)) near11 (slope\$1 angle\$2) near9 (polish\$3 shap\$3))) and (lens\$2 same grating) and (fiber\$1 same detect\$4)))
31	BRS	74	385/\$.ccls. and (lens\$2 same grating same fiber same detect\$4)
32	BRS	16	(385/\$.ccls. and (lens\$2 same grating same fiber same detect\$4)) and (fiber adj1 (end tip))
33	BRS	5	(lens\$2 same (grating near5 (deflect\$5 refract\$5)) same fiber same detect\$4)
34	BRS	44	(lens\$2 same (grating near5 (deflect\$5 refract\$5 reflect\$5)) same fiber same detect\$4)
35	BRS	3	((lens\$2 same (grating near5 (deflect\$5 refract\$5 reflect\$5)) same fiber same detect\$4)) and (fiber adj1 (tip end\$1))
36	BRS	2	(lens\$2 same grating same (fiber adj1 (tip end)) same detect\$4)
37	BRS	282	lens\$2 same grat\$3 same fiber same detect\$4
38	BRS	26	(lens\$2 same grat\$3 same fiber same detect\$4) and (fiber adj1 (tip end))
39	BRS	4103	lens\$2 same fiber same detect\$4
40	BRS	3722	lens same fiber same detect\$4
41	BRS	50	(lens same fiber same detect\$4) and (fiber adj1 (tip end)) and (grating near7 (reflect\$4 deflect\$3 diffract\$5))
42	BRS	38	((lens same fiber same detect\$4) and (fiber adj1 (tip end)) and (grating near7 (reflect\$4 deflect\$3 diffract\$5))) not (((lens\$2 same grat\$3 same fiber same detect\$4) and (fiber adj1 (tip end))) (((lens\$2 same (grating near5 (deflect\$5 refract\$5 reflect\$5)) same fiber same detect\$4) and (fiber adj1 (tip end\$1))) (((lens\$2 same (grating near5 (deflect\$5 refract\$5)) same fiber same detect\$4)) (((fiber\$1 adj1 (tip\$1 end\$1)) near7 (polish\$3))) and (lens\$2 same grating same fiber\$1 same detect\$4)) (((fiber\$1 adj1 (tip\$1 end\$1)) near7 (polish\$3))) and (lens\$2 same grating same fiber\$1 same detect\$4)) not (((fiber\$1 adj1 (tip\$1 end\$1)) near11 (slope\$1 angle\$2) near9 (polish\$3 shap\$3))) and (lens\$2 same grating) and (fiber\$1 same detect\$4))) (((fiber\$1 adj1 (tip\$1 end\$1)) near11 (slope\$1 angle\$2) near9 (polish\$3 shap\$3))) and (lens\$2 same grating) and (fiber\$1 same detect\$4)))

	DBs	Time Stamp	Comments	Error Definition
28	USPAT	2002/10/02 17:28		
29	USPAT	2002/10/02 17:39		
30	USPAT	2002/10/02 17:39		
31	USPAT	2002/10/02 17:50		
32	USPAT	2002/10/02 17:48		
33	USPAT	2002/10/02 17:53		
34	USPAT	2002/10/02 17:56		
35	USPAT	2002/10/02 17:55		
36	USPAT	2002/10/02 17:58		
37	USPAT	2002/10/02 18:06		
38	USPAT	2002/10/02 18:07		
39	USPAT	2004/03/18 15:07		
40	USPAT	2002/10/02 18:07		
41	USPAT	2002/10/02 18:10		
42	USPAT	2002/10/02 19:07		

	Errors
28	0
29	0
30	0
31	0
32	0
33	0
34	0
35	0
36	0
37	0
38	0
39	0
40	0
41	0
42	0

	Type	Hits	Search Text
43	BRS	1	6081369.pn. and (core near7 (width diameter radius))
44	BRS	1	6081369.pn. and ((light beam) same (core near7 (width diameter radius)))
45	BRS	1	6081369.pn. and ((light beam) same (core same (width diameter radius)))
46	BRS	1	((vapor\$5 near5 deposit\$5 near5 metal\$4 near7 layer near7 fiber)) and (vapor\$5 near5 deposit\$5 near5 metal\$4 near7 layer near7 (fiber near1 (tip\$1 end\$1)))
47	BRS	11	(vapor\$5 near5 deposit\$5 near5 metal\$4 near7 layer near7 fiber)
48	BRS	1	6081369.pn.
49	BRS	0	6081369.pn. and spac\$5
50	BRS	0	6081369.pn. and (wavelenght\$1 same (grating separat\$4 different))
51	BRS	1	6081369.pn. and (wavelenght\$1 grating diffract\$4 separat\$4 different)
52	BRS	1	6081369.pn. and (wavelen\$5 spat\$6 grating diffract\$4 separat\$4 different)
53	BRS	1	6081369.pn. and (analyz\$5 examin\$3 study\$4 investigat\$4 evaluat\$4 explor\$5)
54	BRS	1	(6081369.pn. and (analyz\$5 examin\$3 study\$4 investigat\$4 evaluat\$4 explor\$5)) and spect\$6
55	BRS	1	6081369.pn.
56	BRS	0	6081369.pn. and diffract\$5
57	BRS	1	6081369.pn. and (grating same wavelength\$1)
58	BRS	1	6081369.pn. and (beam\$1 grating wavelength\$1)
59	BRS	1	6081369.pn. and (beam\$1 grating\$1 wavelength\$1)
60	BRS	1	6081369.pn. and (beam\$1 grating\$1 wavelength\$1 diffract\$4 refract\$4 spectr\$3 dispers\$4 difract\$5)
61	BRS	321	((diffract\$4 same grating\$1 same (wavelengths near5 (waveguide fiber (guid\$3 near1 wave))))
62	BRS	58	((diffract\$4 same grating\$1 same (wavelengths near5 (waveguide fiber (guid\$3 near1 wave)))) and (wavelengths same ((waveguide fiber (guid\$3 near1 wave)) near7 detect\$4))
63	BRS	47	((diffract\$4 same grating\$1 same (wavelengths near5 (waveguide fiber (guid\$3 near1 wave)))) and (wavelengths same ((waveguide fiber (guid\$3 near1 wave)) near7 detect\$4))) and (spectr\$7)
64	BRS	26	((diffract\$4 same grating\$1 same (wavelengths near5 (waveguide fiber (guid\$3 near1 wave)))) and (wavelengths same ((waveguide fiber (guid\$3 near1 wave)) near7 detect\$4))) and (spectr\$7)) and ((waveguide\$1 fiber\$1 (guid\$3 near1 wave)) near7 (slop\$4 shap\$4 metal\$5 opequ\$3 deposit\$4 film coat\$4))
65	BRS	0	((diffract\$4 same grating\$1 same (wavelengths near5 (waveguide fiber (guid\$3 near1 wave)))) and (wavelengths same ((waveguide fiber (guid\$3 near1 wave)) near7 detect\$4))) and (spectr\$7)) and ((waveguide\$1 fiber\$1 (guid\$3 near1 wave)) near7 (slop\$4 shap\$4 metal\$5 opequ\$3 deposit\$4 film coat\$4))

	DBs	Time Stamp	Comments	Error Definition
43	USPAT	2002/10/02 19:10		
44	USPAT	2002/10/02 19:12		
45	USPAT	2002/10/02 19:12		
46	USPAT	2004/03/18 15:55		
47	USPAT	2002/10/02 20:29		
48	USPAT	2004/03/09 10:59		
49	USPAT	2003/03/04 15:19		
50	USPAT	2003/03/04 15:30		
51	USPAT	2003/03/04 15:44		
52	USPAT	2003/03/04 16:34		
53	USPAT	2003/03/04 16:37		
54	USPAT	2003/03/04 16:38		
55	USPAT	2004/03/09 11:00		
56	USPAT	2004/03/09 11:01		
57	USPAT	2004/03/09 11:12		
58	USPAT	2004/03/09 11:27		
59	USPAT	2004/03/09 11:28		
60	USPAT	2004/03/09 11:40		
61	USPAT; US-PGPUB	2004/03/09 11:48		
62	USPAT; US-PGPUB	2004/03/09 15:11		
63	USPAT; US-PGPUB	2004/03/09 11:53		
64	USPAT; US-PGPUB	2004/10/18 15:14		
65	EPO; JPO; DERWENT	2004/03/09 12:20		

	Errors
43	0
44	0
45	0
46	0
47	0
48	0
49	0
50	0
51	0
52	0
53	0
54	0
55	0
56	0
57	0
58	0
59	0
60	0
61	0
62	0
63	0
64	0
65	0

	Type	Hits	Search Text
66	BRS	2	(((((diffract\$4 same grating\$1 same (wavelengths near5 (waveguide fiber (guid\$3 near1 wave)))))) and (wavelengths same ((waveguide fiber (guid\$3 near1 wave)) near7 detect\$4))) and (spectr\$7))
67	BRS	104	((diffract\$4 same grating\$1 same (wavelengths near5 (waveguide fiber (guid\$3 near1 wave)))) and (((waveguide fiber (guid\$3 near1 wave)) near7 detect\$4))
68	BRS	3	(((((diffract\$4 same grating\$1 same (wavelengths near5 (waveguide fiber (guid\$3 near1 wave)))))) and (((waveguide fiber (guid\$3 near1 wave)) near7 detect\$4))) and ((waveguide\$1 fiber\$1 (guid\$3 near1 wave)) near7 slop\$4)
69	BRS	1	6421179.pn.
70	BRS	1	6421179.pn. and spectr\$5
71	BRS	780579	(6421179.pn. and spectr\$5) and ((waveguide fiber (guid\$3 near1 wave)) near7 detect\$4) (photo\$8 detector\$1)
72	BRS	1	(6421179.pn. and spectr\$5) and (((waveguide fiber (guid\$3 near1 wave)) near7 detect\$4) (photo\$8 detector\$1))
73	BRS	1	6421179.pn. and (slop\$4 angl\$3 cut\$4 taper\$4)
74	BRS	1	6137938.pn.
75	BRS	1	6137938.pn. and (transmi\$5 near5 cladd\$5)

	DBs	Time Stamp	Comments	Error Definition
66	EPO; JPO; DERWENT	2004/03/09 12:20		
67	USPAT; US-PGPUB	2004/03/09 15:12		
68	USPAT; US-PGPUB	2004/03/10 10:30		
69	USPAT	2004/03/18 12:27		
70	USPAT; US-PGPUB	2004/03/18 12:27		
71	USPAT; US-PGPUB	2004/03/18 12:47		
72	USPAT; US-PGPUB	2004/03/18 14:46		
73	USPAT; US-PGPUB	2004/03/18 14:47		
74	USPAT	2004/03/18 15:55		
75	USPAT	2004/03/18 15:56		

	Errors
66	0
67	0
68	0
69	0
70	0
71	0
72	0
73	0
74	0
75	0

This Page is Inserted by IFW Indexing and Scanning
Operations and is not part of the Official Record

BEST AVAILABLE IMAGES

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images include but are not limited to the items checked:

- ☐ BLACK BORDERS
- ☐ IMAGE CUT OFF AT TOP, BOTTOM OR SIDES
- ☐ FADED TEXT OR DRAWING
- ☐ BLURRED OR ILLEGIBLE TEXT OR DRAWING
- ☐ SKEWED/SLANTED IMAGES
- ☐ COLOR OR BLACK AND WHITE PHOTOGRAPHS
- ☐ GRAY SCALE DOCUMENTS
- ☒ LINES OR MARKS ON ORIGINAL DOCUMENT
- ☐ REFERENCE(S) OR EXHIBIT(S) SUBMITTED ARE POOR QUALITY
- ☐ OTHER: _____

IMAGES ARE BEST AVAILABLE COPY.

As rescanning these documents will not correct the image problems checked, please do not report these problems to the IFW Image Problem Mailbox.